

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\  
 Data File : BG036654.D  
 Acq On : 11 Sep 2018 9:56  
 Operator : JU/SJ  
 Sample : J4777-02  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PL-05-090718-A

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG082318.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.162       | 310           | 319         | 330          | rVB      | 108490         | 170093        | 4.15%           | 0.891%        |
| 2         | 5.620       | 391           | 397         | 410          | rBV      | 858522         | 1381304       | 33.68%          | 7.233%        |
| 3         | 7.206       | 659           | 667         | 679          | rBV      | 812405         | 1405342       | 34.27%          | 7.358%        |
| 4         | 7.582       | 723           | 731         | 744          | rBV      | 900549         | 1533375       | 37.39%          | 8.029%        |
| 5         | 8.052       | 804           | 811         | 818          | rBV      | 198265         | 331305        | 8.08%           | 1.735%        |
| 6         | 8.375       | 857           | 866         | 879          | rBV      | 692041         | 1159902       | 28.29%          | 6.073%        |
| 7         | 9.216       | 1000          | 1009        | 1017         | rBV      | 583894         | 1037315       | 25.30%          | 5.431%        |
| 8         | 10.855      | 1281          | 1288        | 1295         | rBV      | 270957         | 497746        | 12.14%          | 2.606%        |
| 9         | 13.299      | 1697          | 1704        | 1717         | rBV      | 1577493        | 2496878       | 60.89%          | 13.074%       |
| 10        | 14.674      | 1932          | 1938        | 1947         | rBV2     | 438529         | 737654        | 17.99%          | 3.862%        |
| 11        | 16.160      | 2185          | 2191        | 2211         | rBV      | 948463         | 1546858       | 37.72%          | 8.099%        |
| 12        | 17.418      | 2399          | 2405        | 2417         | rBV      | 644335         | 987232        | 24.07%          | 5.169%        |
| 13        | 20.026      | 2843          | 2849        | 2861         | rBV      | 3018500        | 4100661       | 100.00%         | 21.471%       |
| 14        | 21.683      | 3124          | 3131        | 3145         | rBV      | 525596         | 1048291       | 25.56%          | 5.489%        |
| 15        | 24.897      | 3667          | 3678        | 3691         | rBV2     | 174323         | 664496        | 16.20%          | 3.479%        |

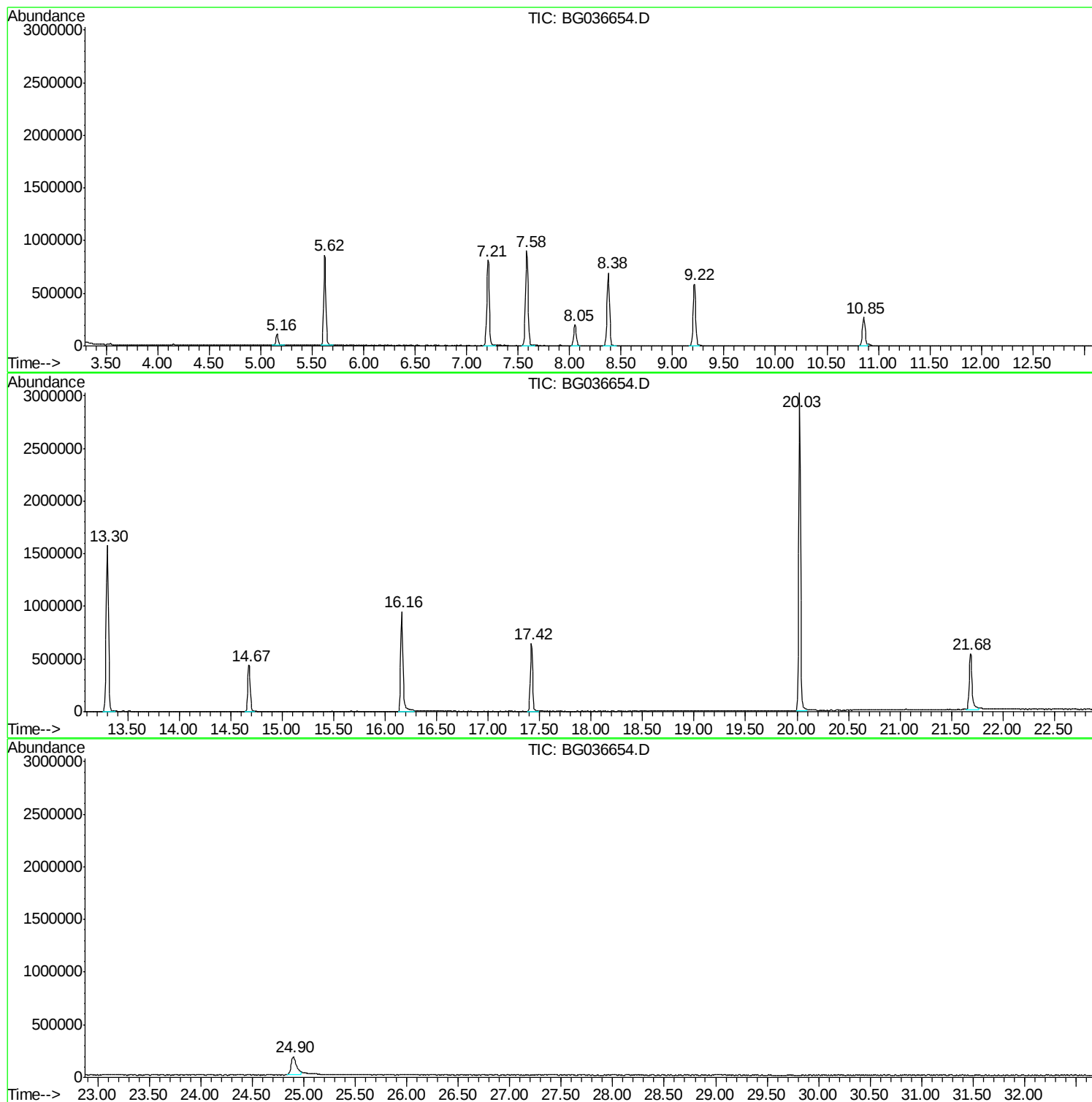
Sum of corrected areas: 19098452

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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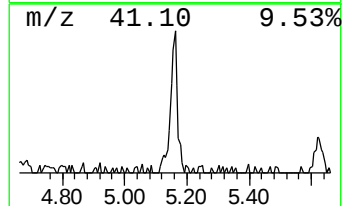
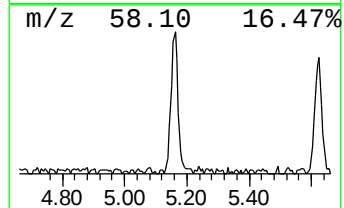
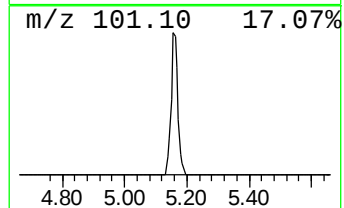
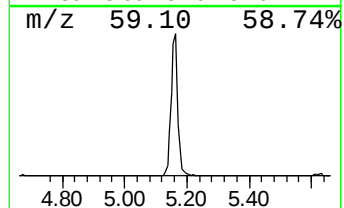
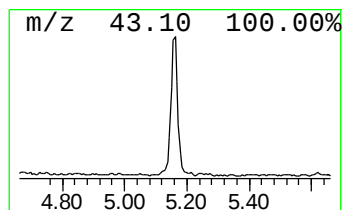
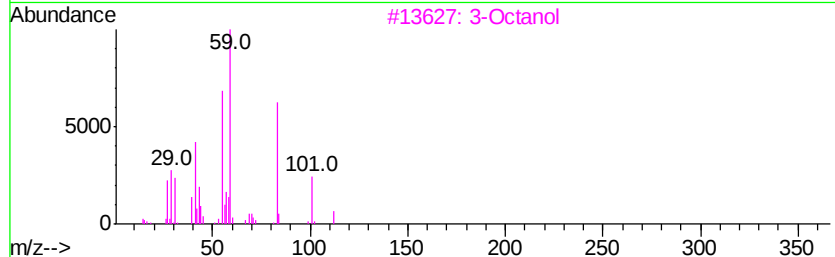
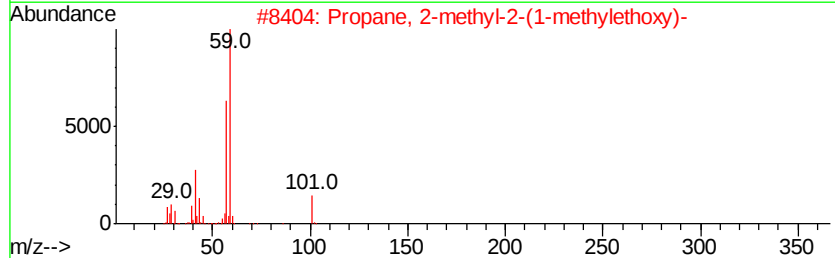
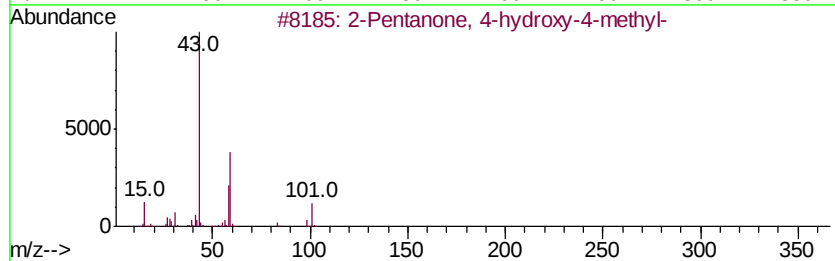
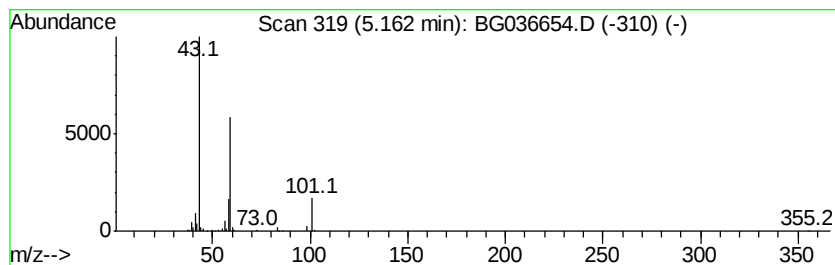
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.16 | 10.27 ng | 170093 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 59   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O  | 017348-59-3 | 42   |
| 3    |    |   | 3-Octanol                           | 130 | C8H18O  | 000589-98-0 | 33   |
| 4    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O  | 000615-29-2 | 33   |
| 5    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O  | 000625-23-0 | 28   |



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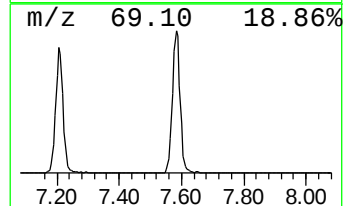
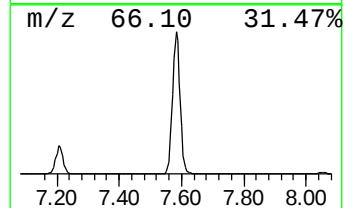
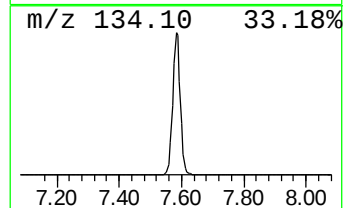
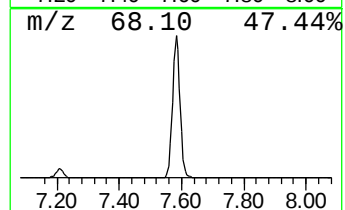
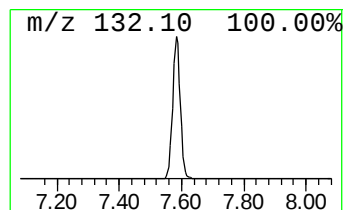
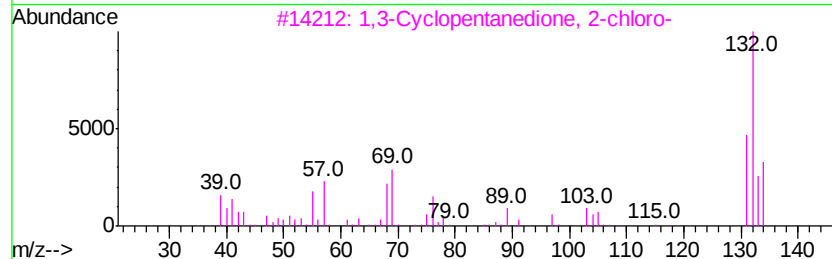
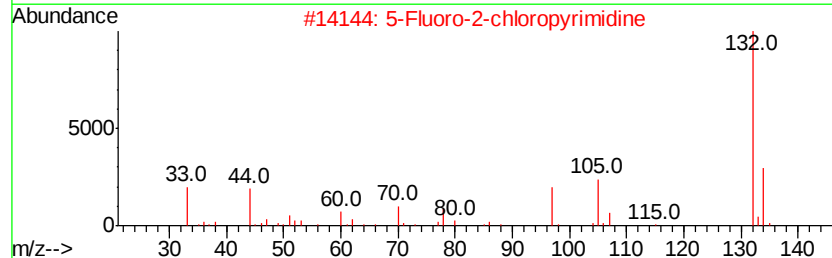
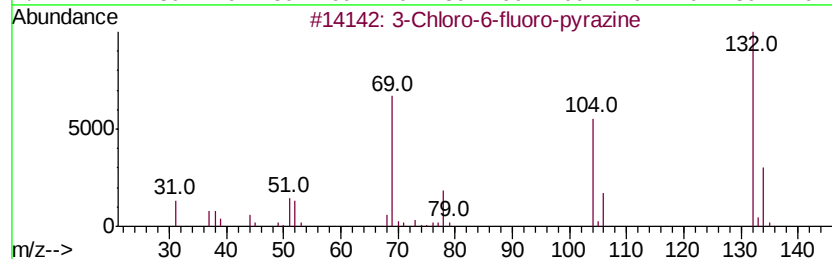
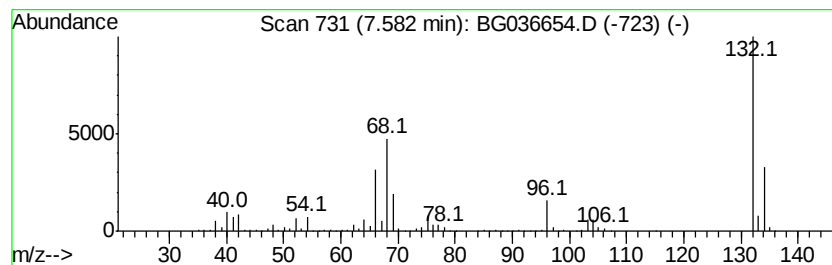
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Peak Number 2 unknown7.58 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.58 | 92.57 ng | 1533380 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 13   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2    | 1000241-93-9 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.16 | 10.3    | ng    | 170093   | 1                     | 8.05 | 331305 | 20.0 |
| unknown7.58          | 7.58 | 92.6    | ng    | 1533380  | 1                     | 8.05 | 331305 | 20.0 |